GEOGRAPHY TRANSFER ASSURANCE GUIDE (TAG)
November 4, 2022

Major Courses – Hours/Courses listed below that count toward the major or pre-major requirements	
OSS006 – Physical Geography	Credits: 3-5 Semester Hours
Advising Notes:	
OSS007 – Human Geography or Cultural Geography	Credits: 3 Semester Hours
Advising Notes:	
OSS008 – World Regional Geography	Credits: 3 Semester Hours
Advising Notes:	
OSS026 – Map Communication and Analysis	Credits: 3 Semester Hours
Advising Notes:	
OSS051 – Introduction to Geographic Information Systems	Credits: 3-4 Semester Hours
Advising Notes:	

Institutional Requirements: For entrance and graduation, a transfer student must meet all institutional requirements which would include, but may not be limited to: minimum grade point average, residency requirements, upper division credits attained, minimum grades in specific courses, performance requirements (ex. dance, music) and other requirements of native students from the same institution.

OSS006 – Physical Geography
3-5 Semester Hours

Related TAG: Geography

General Course Description: This course serves as an introduction to the basic concepts and processes associated with the study of physical geography. Students will become familiar with the primary elements associated with physical geography to include the Earth's global energy balance, atmospheric and oceanic circulation, weather systems and climates, plate tectonics, landform formation and classification, weathering and erosion processes, soil formation, and global environment change. Students should also be able to use maps/geo-technologies to explain geographic phenomena and patterns.

Statewide Learning Outcomes:

1. Understand Earth-Sun relationships and their connection to latitude and longitude.
2. Understand the processors responsible for the evolution of surface landscapes.
3. Identify the general weather patterns that exist around the globe and understand the processes associated with these patterns.
4. Identify general climate zones and soil profiles.
5. Explain how variations in climate relate to global distributions of plants and animals.
6. Identify glacial, fluvial, coastal landscapes, and the processes associated with them.
7. Identify components associated with the water cycle, weather, and atmospheric processes such as cloud types, precipitation, pressure, evapotranspiration and wind.
8. Understand global environmental change and factors responsible for it.
9. Use maps/geo-technologies to explain geographic phenomena and patterns.

Note: A minimum of 70% of the Student Learning Outcomes must be met.

OSS007 – Human or Cultural Geography
3 Semester Hours

Related TAG: Geography

General Course Description: This course serves as an introduction to the study of human or cultural phenomena from a geographic perspective. Students will become familiar with the basic elements associated with human or cultural geography to include: the interface among human settlement, the environment, and economic systems; geographic patterns and processes associated with language, religion, and ethnicity; geographic patterns and processes associated with demographics and migration; political patterns and processes; geographic distribution of resources and economic activity; globalization and the impact on cultural/social, economic, and spatial relationships at various scales; how geographers approach the study of human and cultural activities; geographic patterns of urbanization; and impact of human behavior on landscapes. Students should be able to use maps/geo-technologies to explain geographic themes and patterns.

Statewide Learning Outcomes:

1. Understand the interface among human settlement, the environment, and economic systems in different settings and at various scales.
2. Understand the concept of culture and the geographic patterns and processes associated with cultural traits such as language, religion, and ethnicity.
3. Understand geographic patterns of population and demographic characteristics such as fertility, mortality, and migration.
4. Understand the relationships between political patterns and processes and cultural characteristics.
5. Understand processes associated with geographic distribution of resources used and economic activities.
6. Understand the concept of globalization and the impact on cultural/social, economic, and spatial relationships.
7. Understand how geographers approach the study of human and cultural activities.
8. Understand patterns associated with urbanization.
9. Understand the impact of human behavior on the landscape.
10. Use maps/geo-technologies to explain geographic themes and patterns.

Note: A minimum of 70% of the Student Learning Outcomes must be met.

OSS008 – World Regional Geography
3 Semester Hours

General Course Description: This course serves as an introduction to the study of regional geography at the global scale. Students will become familiar with and understand the use of maps/geo-technologies to explain geographic phenomena and patterns as they relate to world regions and their interrelationships, apply geographic concepts to the study of regions or a specific region, compare and contrast human and physical patterns and their variations over space, develop an appreciation of the complexities of regional and global environmental and socio-economic problems, understand globalization and place local issues in their global and historical context, and to understand human-environment interactions in various regions around the world.

Related TAG: Geography

Statewide Learning Outcomes:

1. Understand the use of maps/geo-technologies to explain geographic phenomena and patterns as they relate to world regions and their interrelationships.
2. Apply geographic concepts to the study of regions or a specific region.
3. Be able to compare and contrast human and physical patterns and their variations over space.
4. Develop an appreciation of the complexities of regional and global environmental and socio-economic problems.
5. Understand the concept of globalization and be able to place local issues and migration in their global and historical context.
6. Understand human-environment interactions in various regions around the world.

Note: A minimum of 70% of the Student Learning Outcomes must be met.

OSS026 – Map Communications & Analysis
3 Semester Hours

General Course Description: This course serves as an introduction to the basic concepts and themes associated with map communications and analysis. Students will become familiar with the concepts of map projections and the uses and limitations of general projection categories; be able to identify types of maps and appropriate ways in which they can be used; understand the value, limitations, and appropriate use of different types of thematic maps; understand the ways in which different types of geographic information are represented on maps; be able to interpret geographic patterns from different types of maps; understand the elements of a map, including symbolization and scale, and demonstrate the appropriate use of map elements; be able to use maps to measure distance, compute area, and analyze spatial patterns; be able to categorize geographic data at appropriate cartographic levels; and be able to construct maps to demonstrate mapping principles.

Related TAG: Geography

Statewide Learning Outcomes:

1. Understand the concept of map projections and the uses and limitations of general projection categories.
2. Identify types of maps and appropriate ways in which they can be used.
3. Understand the value, limitations, and appropriate use of different types of thematic maps.
4. Understand the ways in which different types of geographic information are represented on graphic forms of information and/or maps.
5. Interpret geographic patterns from different types of maps.
6. Understand the elements of a map, including symbolization and scale, and demonstrate the appropriate use of map elements.
7. Use maps to measure distance, compute area, and analyze spatial patterns.
8. Categorize geographic data at appropriate cartographic levels.
9. Construct maps to demonstrate mapping principles.

Note: A minimum of 70% of the Student Learning Outcomes must be met.

OSS051 – Introduction to Geographic Information Systems *(12/1/2017)*
3-4 Semester Hours

Related TAG: Geography

General Course Description: This course introduces the theory and applications of Geographic Information Systems (GIS). Students will be able to explain the components of a GIS, including advantages and limitations; recognize and apply appropriate coordinate systems and projections; and produce effective maps using sound cartographic principles. Furthermore, the demonstrated ability to acquire, create, and/or manage spatial data for visualizing, summarizing, and analyzing problems will provide the insight necessary to recognize the vast array of real-world applications of GIS.

Statewide Learning Outcomes:

All of the learning outcomes marked with an asterisk (*) are essential and must be met.

Explain the components, context and aspects of a Geographic Information System (GIS), including advantages and limitations.*

1. Recognize map projections and coordinate systems and apply them appropriately to spatial data.*
2. Demonstrate knowledge of how reality is represented and transformed in spatial datasets.*
3. Demonstrate the ability to acquire, create, update and/or manage spatial data from disparate sources.*
4. Demonstrate the basic ability to visualize, summarize, analyze and interpret spatial data.*
5. Demonstrate an understanding of basic cartographic principles through designing and producing effective maps.
6. Recognize real-world applications of a Geographic Information System (GIS).*

GEOGRAPHY TAG
FACULTY PARTICIPANTS
November 4, 2022

Name	Institution
Eric Neubauer (Lead)	**Columbus State Community College**
Yu Zhou	Bowling Green State University
Brian Mikelbank	Cleveland State University
Adam Parrillo	Clark State College
Scott Deaner	Owens Community College
Scott Reinemann	Sinclair Community College
Kevin Czajkowski	The University of Toledo
Richard Beck	University of Cincinnati

GEOGRAPHY TAG
FACULTY PARTICIPANTS
February-December 2016

Name	Institution
Eric Neubauer (Lead)	Columbus State Community College
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Brian Mikelbank	Cleveland State University
Mark Guizlo	Lakeland Community College
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Richard Beck	University of Cincinnati

GEOGRAPHY TAG: INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS TAG COURSE FACULTY PARTICIPANTS
August-November 2017

Name	Institution
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